

Application/Control Number:
09/817,005

EAST search

November 29,
2006

L2 30 ((GAIN amplifier attenuator) near2 (vary\$4 vari\$5)) and ((DECREAS\$4 down less\$4 lower\$4) and (increas\$4 up higher greater rais\$4)) and (speech\$ or speak\$ or voic\$ or audio\$ or acoustic\$ or talk\$ or spoken or locut\$ or vocal\$ or sing or singi\$ or song or phonem\$ or phonet\$ or articulat\$ or sonic or sound or verbal\$ or oral) and ((compar\$5 match\$5) near4 (feature template model hmm)) and ((clip\$4 overload\$4 saturat\$7) near2 (threshold value setting)) US-PGPUB; USPAT; EPO; JPO; DERWENT 2006/11/29 09:09

L5 7 ((GAIN amplifier attenuator) near2 (vary\$4 vari\$5)) and ((DECREAS\$4 down less\$4 lower\$4) and (increas\$4 up higher greater rais\$4)) and ((speech\$ or speak\$ or voic\$ or audio\$ or acoustic\$ or talk\$ or spoken or locut\$ or vocal\$ or sing or singi\$ or song or phonem\$ or phonet\$ or articulat\$ or sonic or sound or verbal\$ or oral) near2 (recogni\$ or identif\$ or classif\$ or authenticat\$) or ASR or CSR or IWSR) and ((compar\$5 match\$5) near2 (clip\$4 overload\$4 saturat\$7)) US-PGPUB; USPAT; EPO; JPO; DERWENT 2006/11/29 09:28

L6 0 (((GAIN amplifier attenuator) with (vary\$4 vari\$5)).clm,ti,ab. same ((DECREAS\$4 down less\$4 lower\$4) and (increas\$4 up higher greater rais\$4)) and (speech\$ or speak\$ or voic\$ or audio\$ or acoustic\$ or talk\$ or spoken or locut\$ or vocal\$ or sing or singi\$ or song or phonem\$ or phonet\$ or articulat\$ or sonic or sound or verbal\$ or oral) and ((compar\$5 match\$5) near4 (feature template model hmm)) and ((clip\$4 overload\$4 saturat\$7) near2 (threshold value setting))) or ((((GAIN amplifier attenuator).clm,ab,ti. WITH ((DECREAS\$4 down less\$4 lower\$4) and (increas\$4 up higher greater rais\$4) and (clip\$4 overload\$4 saturat\$7).clm,ti.ab.)) same ((speech\$ or speak\$ or voic\$ or audio\$ or acoustic\$ or talk\$ or spoken or locut\$ or vocal\$ or sing or singi\$ or song or phonem\$ or phonet\$ or articulat\$ or sonic or sound or verbal\$ or oral)) and ((compar\$5 match\$5) near4 (feature template model hmm))) US-PGPUB; USPAT; EPO; JPO; DERWENT 2006/11/29 09:16

L8 5 (((GAIN amplifier attenuator) with (vary\$4 vari\$5)).clm,ti,ab. same ((DECREAS\$4 down less\$4 lower\$4) or (increas\$4 up higher greater rais\$4)) and (speech\$ or speak\$ or voic\$ or audio\$ or acoustic\$ or talk\$ or spoken or locut\$ or vocal\$ or sing or singi\$ or song or phonem\$ or phonet\$ or articulat\$ or sonic or sound or verbal\$ or oral) and ((compar\$5 match\$5) near4 (feature template model hmm)) and ((clip\$4 overload\$4 saturat\$7) near2 (threshold value setting))) or ((((GAIN amplifier attenuator).clm,ab,ti. and ((DECREAS\$4 down less\$4 lower\$4) and (increas\$4 up higher greater rais\$4) and (clip\$4 overload\$4 saturat\$7).clm,ti.ab.)) same ((speech\$ or speak\$ or voic\$ or audio\$ or acoustic\$ or talk\$ or spoken or locut\$ or vocal\$ or sing or singi\$ or song or phonem\$ or phonet\$ or articulat\$ or sonic or sound or verbal\$ or oral)) and ((compar\$5 match\$5) near4 (feature template model hmm))) US-PGPUB; USPAT; EPO; JPO; DERWENT 2006/11/29 09:22

L13 22 (((compar\$5 match\$5) near2 (feature template model hmm) or similar\$4 distance\$1 probabilit\$5 likeli\$6) near2 (first and (second another again))) and ((store! stores! storing enrol! enrols! enrolling save! saves! saving) near2 (feature template model hmm)) and (((first and (second another again)) near2 (speech\$ or speak\$ or voic\$ or audio\$ or acoustic\$ or talk\$ or spoken or locut\$ or vocal\$ or sing or singi\$ or song or phonem\$ or phonet\$ or articulat\$ or sonic or sound or verbal\$ or oral or utter\$5)) near2 (recogni\$ or identif\$ or classif\$ or authenticat\$)) US-PGPUB; USPAT; EPO; JPO; DERWENT 2006/11/29 09:38